

# Test Method

## Calibration of Nuclear Thin-Layer Density Gauge Using Standard Blocks

**RC 900.07**  
**August 2023**  
**Version 1.0**

### 1 Scope

This test method describes changes to the base reference method AS 2891.14.3 – *Methods of sampling and testing asphalt*, Method 14.3: *Field density tests – Calibration of nuclear thin-layer density gauge using standard blocks*

### 2 Procedure

As per AS 2891.14.3 – Method 14.3, except for the referenced document AS 1289.5.8.4:

AS 1289.5.8.4	Change:
Appendix B, Equation B1(4)	The $U_{ce}$ equation shall not be considered and not be reported.
Appendix B, Equation B1(5)	Equation B1(5) shall be replaced by: $U_{\rho} = 2U_{cal}$

## Document Information

Criteria	Details
Document Title	Test Method 900.07 Calibration of Nuclear Thin-Layer Density Gauge Using Standard Blocks
Authorised by	Senior Manager – Road Engineering
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Replaces	Not applicable
Contact	standardsmanagementrd@roads.vic.gov.au

## Document History

Version	Date	Description
1.0	August 2023	Initial Release

## Interpretation

In this document, except where the context otherwise requires—

- The word “must” is to be understood as denoting a requirement which is mandatory.
- The word “should” is to be understood as denoting a requirement which is not mandatory but recommended.
- The word “includes” in any form is not a word of limitation. Mentioning anything after “includes” or similar expressions (including “for example”) does not limit what else may be included.
- A reference to a section, clause, schedule or appendix is a reference to a clause of or schedule or appendix of this document.

## Nomenclature

Where any of the following symbols are used within this document, the textual description provided to the right is its intended meaning:

① This symbol intends the accompanying text to be read as INFORMATION. Common information accompanying this symbol includes RATIONALE and GUIDANCE for the associated requirement.

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